

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Jeffery S. Beck et al.

Confirmation No.:

Application No.:

Examiner:

Filing Date: Herewith

Group Art Unit:

Title: INTEGRATED CONTROL OF POWER DELIVERY TO FIRING RESISTORS FOR PRINthead ASSEMBLY (As Amended)

Commissioner for Patents

PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- () under 37 CFR 1.97(c) together with either a:
() Statement under 37 CFR 1.97(e), or
() a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
() Statement under 37 CFR 1.97(e)(1) or (2), and
() a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. **EV310988499US**

Date of Deposit Nov. 10, 2003

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner, for Patents, Alexandria, VA 22313-1450.

By 
Typed Name: Kathryn Eisele

Respectfully submitted,

Jeffery S. Beck et al.



Patrick G. Billig

Attorney/Agent for Applicant(s)
Reg. No. **38,080**

Date: Nov. 10, 2003

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
	10992120-4		
	APPLICANT		
	Jeffery S. Beck et al.	FILING DATE	GROUP
	Herewith		

REFERENCE DESIGNATION**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
1A	4,463,359	7/1984	Ayata et al.	
1B	4,595,935	6/1986	Brooks et al.	
1C	4,695,853	9/1987	Hackleman et al.	
1D	4,695,854	9/1987	Cruz-Uribe	
1E	4,719,477	1/1988	Hess	
1F	4,737,800	4/1988	Caillol et al.	
1G	4,764,659	8/1988	Minami et al.	
1H	4,897,668	1/1990	Nagato et al.	
1I	4,982,199	1/1991	Dunn	
1J	4,999,650	3/1991	Braun	
1K	5,016,023	5/1991	Chan et al.	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
1L	EP 0499373A2	8/1992	Hewlett-Packard Co.		
1M	EP 0547921A2	6/1993	Arai, Atsushi et al.		
1N	EP 1004442A2	5/2000	Hewlett-Packard Co.		
1O	EP 1029685A2	8/2000	Hewlett-Packard Co.		
1P	JP 07242004	3/1994	Koichi, Komata		

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	A copy of European Search Report for Application No. EP 02 25 1655 mailed on May 22, 2003 (3 pages).
1R	
1S	

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REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
2A	5,030,971	7/1991	Drake et al.	
2B	5,049,898	9/1991	Arthur et al.	
2C	5,053,790	10/1991	Stephenson et al.	
2D	5,103,246	4/1992	Dunn	
2E	5,327,165	7/1994	Elliott	
2F	5,357,081	10/1994	Bohorquez	
2G	5,363,134	11/1994	Barbehenn et al.	
2H	5,365,312	11/1994	Hillmann et al.	
2I	5,371,530	12/1994	Hawkins et al.	
2J	5,541,629	7/1996	Saunders et al.	
2K	5,604,513	2/1997	Takahashi et al.	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
2L	JP 08127140	10/1994	Asao, Saito		
2M					
2N					
2O					
2P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

2Q	
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EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	3A	5,610,635	3/1997	Murray et al.	
	3B	5,633,671	5/1997	Watanabe	
	3C	5,646,660	7/1997	Murray	
	3D	5,648,804	7/1997	Keefe et al.	
	3E	5,668,579	9/1997	Fujii et al.	
	3F	5,815,172	9/1998	Moh	
	3G	5,815,180	9/1998	Barbour et al.	
	3H	5,886,718	3/1999	Johnson et al.	
	3I	5,912,684	6/1999	Fujii et al.	
	3J	5,923,825	7/1999	Orlicki et al.	
	3K	5,946,012	8/1999	Courian et al.	

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	3L					
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REFERENCE DESIGNATION **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
4A	5,997,124	12/1999	Capps et al.	
4B	6,091,891	7/2000	Overall et al.	
4C	6,109,716	8/2000	Takahashi	
4D	6,126,261	10/2000	Yamanaka	
4E	6,145,961	11/2000	Otsuki	
4F	6,178,009	1/2001	Yamada et al.	
4G	6,183,056	2/2001	Corrigan et al.	
4H	6,193,345	2/2001	Feinn et al.	
4I	6,199,969	3/2001	Haflinger et al.	
4J	6,208,127	3/2001	Doluca	
4K	6,290,333	9/2001	Wade et al.	

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EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	5A	6,346,899	2/2002	Hadidi	
	5B				
	5C				
	5D				
	5E				
	5F				
	5G				
	5H				
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	5J				
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